



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231 on: November 14, 2001

Signed: Susan W. Xu

*#4/A  
F. M. Auch  
2-11-02*

In re application of: Sam HEIDARI, et al.

Attorney Docket No.: VELCP010XT

Application No.: 09/837,914

Examiner: N/A

Filed: April 18, 2001

Group: 2642

Title: **METHOD AND APPARATUS FOR A  
VARIABLE BANDWIDTH MULTI-  
PROTOCOL X-DSL TRANSCEIVER**

**RECEIVED**

JAN 23 2002

*Technology Center 2600*

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Before examination, please amend this application as follows:

**IN THE CLAIMS:**

Please amend Claim 1-4 and add New Claims 5-20 as follows:

1. (Amended) A communication device for coupling to a communication medium to communicate at least one communication channel thereon via an analog signal with a multi-tone modulation; and the communication device comprising:

a converter for converting the analog signal from the communication medium to digital samples and vice versa; and

Please type plus sign (+) inside this box → +

JAN 15 2002

PATENT & TRADEMARK OFFICE

RECEIVED  
JAN 23 2002  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Technology Center 2600

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 10/31/2002. OMB 0651-0041  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

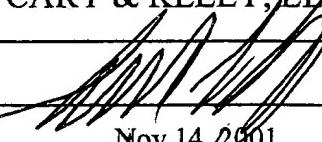
|  |              |
|--|--------------|
| Application Number                       | 09/837,914   |
| Filing Date                              | Apr 18, 2001 |
| First Named Inventor                     | Sam HEIDARI  |
| Group Art Unit                           | 2642         |
| Examiner Name                            | N/A          |
| Total Number of Pages in This Submission | VELCP010X1   |

Total Number of Pages in This Submission

### ENCLOSURES (check all that apply)

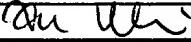
|  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Assignment Papers #<br>(for an Application)                    | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input checked="" type="checkbox"/> Amendment / Reply 12 pages               | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition #   | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer  | 1-1449 IDS Form  |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> Request for Refund   | 2-One reference cited  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input checked="" type="checkbox"/> Return Receipt Postcard                             |  |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application   |   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |
|  | Remarks   |  |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |  |
|-------------------------|--|
| Firm or Individual name | CARY & KELLY, LLP  |
| Signature               | <br>Reg. #: 36,764 |
| Date                    | Nov 14, 2001   |

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: November 14, 2001

|                       |   |      |                   |
|-----------------------|---|------|-------------------|
| Typed or printed name | Susan W. Xu   |      |                   |
| Signature             |  | Date | November 14, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.